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Attachment to

3 October 1967

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REFERENCE TO:

SOVIET POSSIBLE DEFENSIVE MISSILE LAUNCH SITES  
USSR/CHINA BORDER

1. SIGNIFICANCE:

IDENTIFICATION OF THREE NEW POSSIBLE DEFENSIVE  
MISSILE LAUNCH SITES.

2. LOCATION:

- A. SARY-OZEK - KARA-BABAU IRBM LAUNCH SITE  
2 SUPPORT AREA. (KARA-BABAU IS ONE OF  
THE LAUNCH SITES WHICH MAKE UP THE SARY-OZEK  
IRBM COMPLEX.)
- B. DROVYANAYA - ADJACENT TO THE DROVYANAYA  
ICBM COMPLEX SUPPORT FACILITY.
- C. MANZOVKA - AT THE MANZOVKA SRF COMMUNICATIONS  
FACILITY.

3. REMARKS:

NONE

4. COLLATERAL:

NONE

5. FIRST IDENTIFICATION:

- A. SARY-OZEK
- B. DROVYANAYA
- C. MANZOVKA

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6. NEGATION DATE:

- A. SARY-OZEK
- B. DROVYANAYA
- C. MANZOVKA

7. SUBSEQUENT COVERAGE:

- A. SARY-OZEK
- B. DROVYANAYA
- C. MANZOVKA

8. DIMENSIONS/  
SPECIFICATIONS:

DISTANCE BETWEEN POSSIBLE LAUNCH POSITIONS:

220 FEET (APPROX).

POSSIBLE VEHICLE/MISSILE READY BUILDINGS:

155 FEET X 60 FEET (APPROX).

POSSIBLE MISSILE CHECKOUT BUILDING:

135 FEET X 35 FEET (APPROX).

9. MISSION READOUT:

1. FURTHER ANALYSIS OF THE CIRCULAR 9 POSITION FACILITIES BEING CONSTRUCTED AT SARY-OZEK IRBM LAUNCH COMPLEX (44-29N 077-57E), THE DROVYANAYA ICBM LAUNCH COMPLEX (51-32N 113-01E), AND AT THE MANZOVKA SRF HEADQUARTERS (44-11N 132-31E) RESULTS IN THEIR TENTATIVE IDENTIFICATION AS POSSIBLE DEFENSIVE MISSILE LAUNCH SITES. THE RECENT START (FEB - MAY 1967) OF SITE CONSTRUCTION AT THESE 3 WIDELY SEPARATED CRITICAL POINTS ALONG THE SINO-

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SOVIET BORDER, WITH MARKED SIMILARITY OF CONFIGURATION AND ASSOCIATED BUILDINGS, STRONGLY SUGGESTS THE POSSIBLE DEPLOYMENT OF A SYSTEM. ALTHOUGH THE TYPE OF POSSIBLE LAUNCH SYSTEM CANNOT BE ASCERTAINED, ONE SUSPECTED FUNCTION OF THE FACILITIES IS THAT OF STATIC DEFENSE LAUNCH SITES FOR GANEF MISSILES.

2. THOUGH 9 LAUNCH POSITIONS IN A LAUNCH SITE ARE WITHOUT PRECEDENT, THE FOLLOWING EVIDENCE SUPPORTS THE IDENTIFICATION OF POSSIBLE DEFENSIVE LAUNCH SITES:

A. A CIRCULAR CONFIGURATION HAVING OVERALL DIMENSIONS SIMILAR TO GUIDELINE AND ALL CATEGORIES OF PLRS (TALLINN SYSTEM) LAUNCH SITES (A CLASSIC DEFENSIVE RATHER THAN OFFENSIVE PATTERN).

B. ROAD SERVED POSITIONS (POSSIBLY LAUNCH) SPACED APPROXIMATELY 220 FEET APART AND ARRANGED CIRCUMFERENTIALLY AROUND A CENTRAL POSITION (POSSIBLY CONTROL), WHICH IS ALSO ROAD SERVED.

C. THE PRESENCE AT THE SARY-OZEK FACILITY AND PROBABLY AT THE OTHER 2, OF TRENCHES (POSSIBLY CABLE TRENCHES) CONNECTING THE CENTRAL POSITION WITH THE CIRCUMFERENTIAL POSITIONS.

D. AT SARY-OZEK A SMALL SUSPECT RADAR IS LOCATED APPROXIMATELY 900 FEET SOUTHEAST OF THE POSSIBLE LAUNCH SITE CONTROL CENTER. A CABLE CONNECTION WITH THE POSSIBLE LAUNCH SITE IS NOT PRESENT.

3. THE LACK OF A PRECEDENT FOR A 9 POSITION LAUNCH SITE AT ANY OF THE SOVIET MISSILE TEST CENTERS REDUCES THE CONFIDENCE LEVEL OF THIS IDENTIFICATION.

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HOWEVER, IF THESE ARE MISSILE LAUNCH SITES, THEY RELATE TO A MISSILE NOT PREVIOUSLY OBSERVED DEPLOYED. THE GANEF IN A STATIC DEFENSE ROLE IS SUSPECTED FOR THE FOLLOWING REASONS:

A. EACH OF THE POSSIBLE LAUNCH FACILITIES CONSISTS OF A POSSIBLE LAUNCH SITE WITH 9 POSSIBLE LAUNCH POSITIONS SERVED BY A CIRCUMFERENTIAL ACCESS ROAD WHICH CONNECTS TO A NEARBY APRON SERVING 2 POSSIBLE VEHICLE/MISSILE READY BUILDINGS, EACH MEASURING APPROXIMATELY 155 BY 60 FEET, AND A POSSIBLE MISSILE CHECKOUT BUILDING MEASURING 135 BY 35 FEET. THE APRON AND THE CIRCUMFERENTIAL ROAD AT THE SARY-OZEK FACILITY ARE COVERED BY CONCRETE SLABS AND POSSIBLY WILL BE AT THE OTHER SITES AS WELL. EACH OF THE 155 BY 60 FOOT BUILDINGS COULD PROBABLY SHELTER 9 GANEF LAUNCHER VEHICLES. THE RELATIONSHIP OF THESE BUILDINGS TO THE APRON AND THE CIRCUMFERENTIAL ACCESS ROAD STRONGLY SUGGESTS THAT VEHICLES USING THE ACCESS ROAD WILL ALSO USE THE NEARBY BUILDINGS. SIMILAR BUILDINGS, APPARENTLY ESSENTIAL TO THE SYSTEM, CAN BE SEEN UNDER CONSTRUCTION AT THE DROVYANAYA FACILITY AND PROBABLY WILL APPEAR LATER AT THE MANZOVKA FACILITY.

B. IF THE GANEF MISSILE SYSTEM IS A SOVIET ARMY LEVEL, FIELD AIR DEFENSE SYSTEM, IT IS POSSIBLE THAT ITS UNITS ARE ORGANIZED ALONG THE SAME LINES AS THE SS-1 SCUD ARMY LEVEL SURFACE TO SURFACE MISSILE BRIGADE. IN THAT CASE A GANEF BRIGADE WOULD INCLUDE 3 LAUNCH BATTALIONS, EACH OF WHICH WOULD HAVE THREE BATTERIES WITH ONE LAUNCH-VEHICLE EACH FOR A TOTAL OF

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9 MISSILE LAUNCHERS (18 MISSILES) PER BRIGADE. THOUGH MOSCOW PARADES MAY NOT BE RELIABLE INDICATORS OF ORGANIZATIONAL STRENGTH, IT IS RECALLED THAT IR 2901012267 REPORTED THAT DURING THE 1 MAY 1967 PARADE, ONE GANEF MARCH UNIT WITH 8 GANEF LAUNCHER-VEHICLES PARTICIPATED. IT FURTHER REPORTED THAT IN ADDITION THERE WAS 1 GANEF LAUNCHER-VEHICLE IN RESERVE, THUS MAKING A TOTAL OF 9.

4. AN ADDITIONAL THOUGH NOT NECESSARILY RELATED ACTIVITY, ALSO AT THE SARY-OZEK COMPLEX, ADJACENT TO THE KARA-BABAU IRBM SITE NUMBER 2, CONSISTS OF A TENT CAMP COMPRISED OF 12 SQUAD TENTS, 2 GENERAL PURPOSE TENTS, 18 PYRAMIDAL TENTS AND 6 MISSILE CHECKOUT TENTS PRESENT ON [REDACTED] PHOTOGRAPHY. THE PRESENCE OF THE MISSILE CHECKOUT TENTS IS UNIQUE AT AN IRBM FACILITY. ONLY ONE OF THESE CHECKOUT TENTS WERE PRESENT WHEN THIS NEW ACTIVITY WAS FIRST OBSERVED IN [REDACTED]. IN ADDITION, 12 CRATES/CANISTERS MEASURING APPROXIMATELY [REDACTED] WERE POSITIONED ALONG THE SOUTHWEST FENCE LINE, ALSO FIRST PRESENT IN MAY 1967.

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